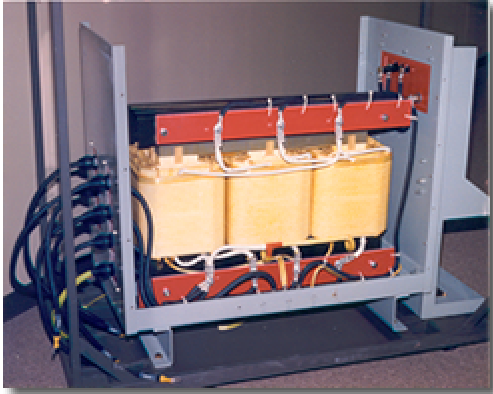


# Custom Magnetics



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## General Description

Custom magnetics are products designed and manufactured to a specific requirement. These magnetic components typically become part of an electrical system or are integrated into a piece of original equipment.

## Hitran's capabilities are as follows:

- Transformers and inductors to 6 MVA
- Voltages to 20mV: current to 6 MVA
- Efficiency - greater than 90%
- Frequency to 10 MHz
- Dry type magnetics
- Convection (AA) or forced air (FA)
- Custom Enclosures
- UL agency approvals

## Transformer Types:

- Annealing
- Audio
- Buck - Boost
- Control
- Distribution
- Drive Isolation
- Ferroresonant
- Filament
- Furnace
- General purpose
- Grounding
- High Isolation
- High reactance
- Interphase
- Inverter
- Isolation
- K-factor
- Machine tool
- Modulation
- Plate
- Rectifier
- Scott - T
- Ultra-isolation
- Welding
- Zig-Zag

## Inductor Types

- AC line reactors
- Air-core
- Common / differential mode
- Current limiting reactors
- DC filter
- DC link
- DC swinging
- Grounding
- Harmonic filter reactor
- RF frequency
- Saturable core reactor
- Trap Filter
- Variable current limiting